

### **AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

### **Listing Of Claims:**

1.- 8. (Canceled)

9. (New) An ignition coil for a gasoline engine, comprising:  
a current-carrying, substantially coil-shaped primary winding;  
a coil core in which a primary magnetic field is inducible via the primary winding;  
a substantially coil-shaped secondary winding in which an energy field that controls at least one spark plug is able to be built up due to the primary magnetic field; and  
a premagnetization device for forming a premagnetization field opposite the primary magnetic field and being effective at the coil core, wherein the premagnetization device includes a current-carrying, substantially coil-shaped premagnetization winding.
10. (New) The ignition coil as recited in Claim 9, wherein the primary winding and the premagnetization winding are wound around the coil core substantially parallel to one another.
11. (New) The ignition coil as recited in Claim 9, wherein current flow directions of electric currents in adjoining turns of the primary winding and the premagnetization winding are oriented in an anti-parallel manner.
12. (New) The ignition coil as recited in Claim 9, wherein current supply connections of the primary winding and the premagnetization winding are separate from one another.
13. (New) The ignition coil as recited in Claim 9, wherein the primary winding and the premagnetization winding have a common current supply connection.
14. (New) The ignition coil as recited in Claim 13, further comprising:  
a series resistor connected between the current supply connection and the premagnetization winding.
15. (New) The ignition coil as recited in Claim 14, wherein an end of the premagnetization winding opposite the current supply connection is connected to a ground.

16. (New) The ignition coil as recited in Claim 9, wherein:
- the primary winding and the premagnetization winding are wound up on the coil core as a single multi-layer winding,
  - the multi-layer winding is cut at least at one point for separating the primary winding and the premagnetization winding, and
  - the free ends are contacted for a connecting purpose.